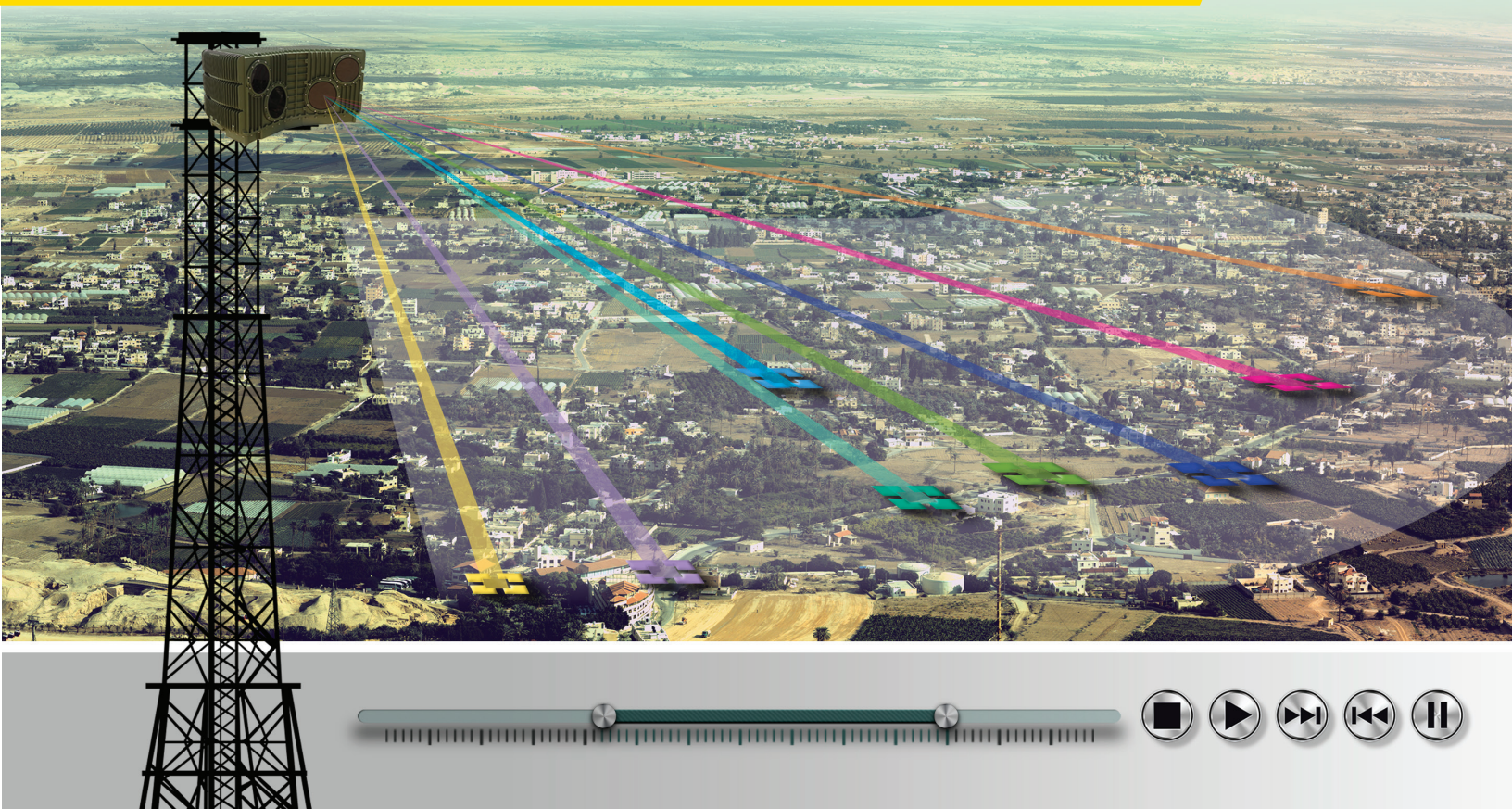


GroundEye™

Big Picture. Infinite Detail. Any Time.
Wide Area Persistent Surveillance Solutions





Big Picture. Infinite Detail. Any Time.
Wide Area Persistent Surveillance Solutions

Given the need for increased homeland security, the monitoring and recording areas of interest using existing technology only is no longer sufficient. Today, we must be able to automatically and continuously observe, record and analyze, while covering more ground and deciphering more detail.

GroundEye gives surveillance teams the advantage of the 4th dimension - **time**

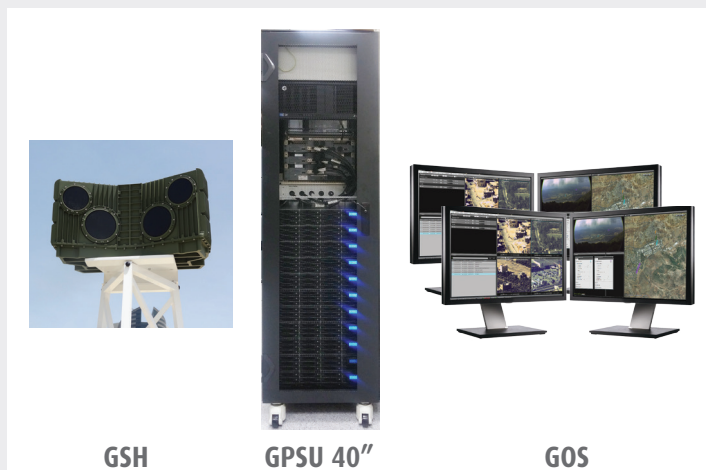
Creating a paradigm shift in defense and security surveillance, the GroundEye line of products offers the ability to locate, identify and monitor events of interest. But the breakthrough comes with the ability to move 'Back-In-Time', to simultaneously track and trace the movements of one or more objects, enabling true, in-depth forensic investigation of events in minimal time.

Operational Advantages

- Better informed, more intuitive decision making
- Better overall situational understanding
- Analyze and study an event in hindsight
- Real operational data gathered in real time for improved training capabilities

System Main Components

GroundEye 90°



GroundEye 70° FIXED



GroundEye: So No Event Goes Undetected

Meeting one of the biggest intelligence challenges of our time, GroundEye provides the ultimate solution, giving investigators visibility of not just a single event, but enabling them to simultaneously track, monitor and connect several events taking place in the same or in different areas. Viewing and controlling video streams in Real Time, Near Real Time and 'Back-In-Time', enables a more complete picture and better situational understanding.

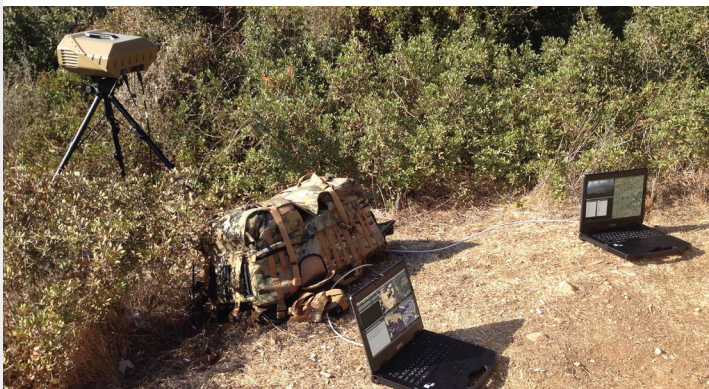
System Features

- See the complete picture - authentic, high resolution Wide Area Persistent Video Surveillance
- "Time Tunnel" – playing video streams forwards and backwards for forensic investigative inquiries
- Observe multiple events taking place in multiple locations
- View and control multiple Regions of Interest (ROI) by several operators simultaneously
- Utilization of algorithms for enhanced detection and recognition
- One system enabling collection processing and dissemination of information
- Modular and flexible systems

Applications

- Border protection / coastal protection
- Perimeter surveillance of critical sites
- Military operations / Special Ops
- Mega events
- Natural disasters
- Safe City

GroundEye 70° PORTABLE



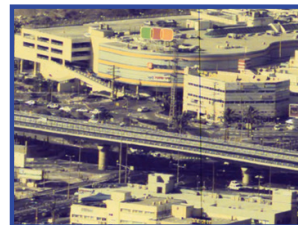
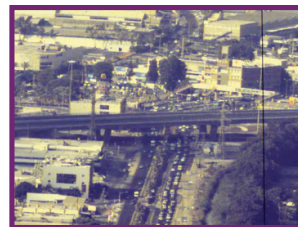
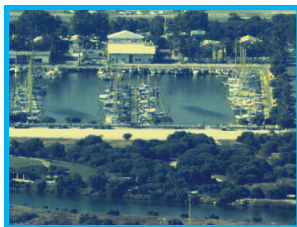
GSH

Backpack

GOS

GroundEye

Big Picture. Infinite Detail. Any Time.
Wide Area Persistent Surveillance Solutions



- Simultaneous, real-time steerable video streams - controlled from GroundEye Operator Stations (GOS)
- "Time Tunnel" – Unique Forensic Investigative Capabilities



Elbit Systems Ltd.

Advanced Technology Center, P.O.B. 539, Haifa 31053, Israel

E-mail: aerospace@elbitsystems.com www.elbitsystems.com

Follow us on   